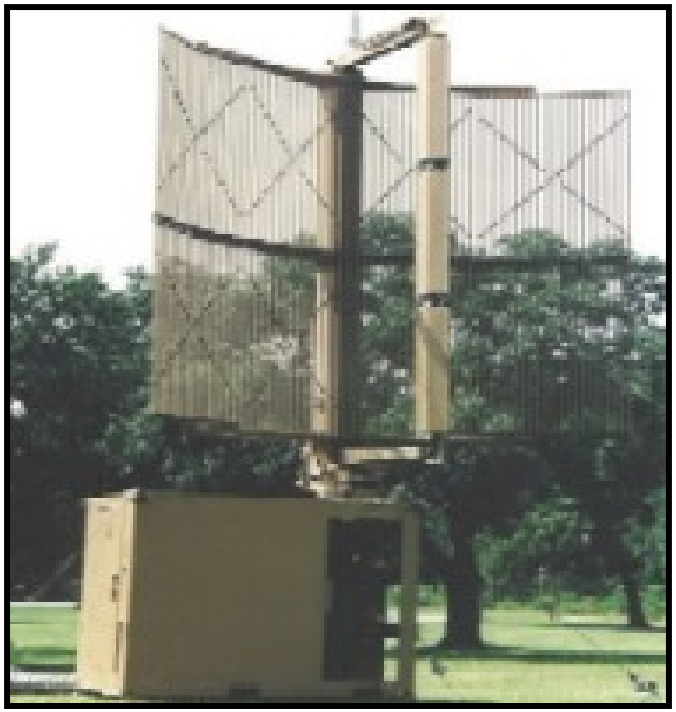
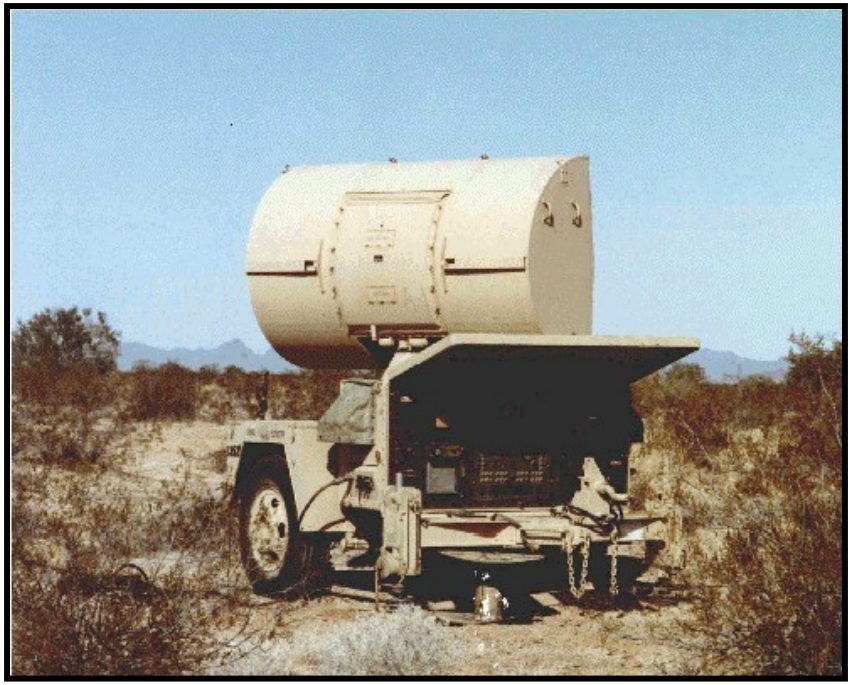
Short/Medium Range Radar





BMADS Product Group Director Program Brief

Product Group Director: Ms. Katrina G. Wahl
Program Office: Radar Systems (112)
Program Manager: Mr. J. T. McGough
Team Lead: LtCol Steven P. Jones
Project Officer: Mr. John Tyler
Requirements Officer:
Advocate Rep: Maj Greg Loftesness

Team Responsibilities

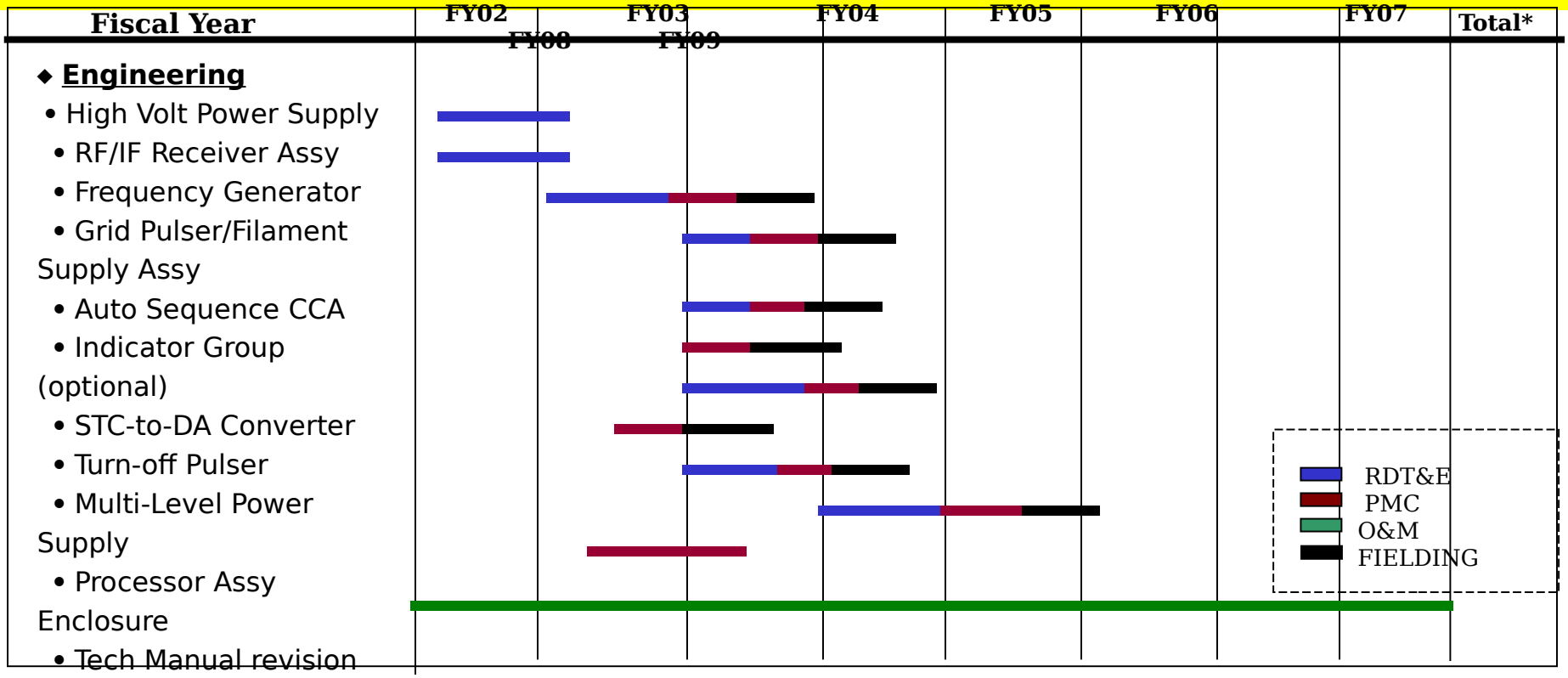
NAME		Organization	Responsibility
Last	First		
Jones, LtCol	Steve	MCSC	Team Lead
Tyler	John	MCSC	Project Officer
Linnstaedt	John	MCSC	Engineer
Tyler	John	MCSC	Logistician
Williams	Vanessa	MCSC	Budget/Finance
Tyler	John	MCSC	Logistician
Kerr	Lee	MCSC	Contracting Officer
Duval	Brian	Anteon	Program Manager
Herbst	Lisa	Anteon	Technical/Administration
Nasser	Raafat	Anteon	Engineer

	Government
	Contractor

System Description

- AN/TPS-63B
  - Two-dimensional, medium-range, highly mobile radar system with integral MARK XII Identification/Friend or FOE (IFF) capability. It has a 360-degree air surveillance capability out to a range of 160 miles and 40,000 ft in altitude
- AN/MPQ-62
  - The Phase Out Plan was approved on 21 July 03
  - All assets will be phased out and returned to a designated turn-in point.
  - Disposition instruction is provided by Naval Message

Macro Program Schedule/Total Resource Summary



FY 2003 Tasks Remaining

- AN/TPS-63B
  - Issued Delivery Order for ECP supportability/feasibility analysis of AN/TPS-63B Frequency Generator component item
  - Negotiated FFP proposal for Turn-off Pulser (ECP/NDI equipment). Received Northrop Grumman proposals for review.

Acquisition Strategy

- Acquisition strategy is based on conclusions derived from the MCLB Albany (Code 575-2) DMSMS Study. The scope of the contracting effort is based on the ten engineering solution requirements identified in the DMSMS Study, with consideration that the ten count quantity could change. The engineering solutions will be developed as ECPs and will be produced either singularly or in some degree of combination based on a relational need–based, prioritized, implementation scheme associated to pertinent fiscal year funding plans
- The AN/TPS-63 is also managed under the Foreign Military Sales (FMS) Program. As foreign nation customers are confronted with the same redesign requirement as the Marine Corps, it is consequently anticipated that the Marine Corps will be able to leverage from any foreign requirement for development

Analyses Performed To Date

- A Source and Material Shortage analysis was conducted in accordance with the Department of Defense's Diminishing Manufacturing Sources and Material Shortages (DMSMS) Program under MCLB Albany (Code 575-2) cognizance. Contract MOBIS GB-23F-8081H was the implementing vehicle. Analysis complete Jul 2000
- Analyses, as part of the respective RDT&E efforts for AN/TPS-63B HVPS and RF/IF Receiver engineering design solutions, in support of follow-on ECP requirements
- NSWC Crane Technology Obsolescence and Risk Assessment (TORA) on 16 circuit card assemblies within the Processor/Digital Target Extractor assembly

Readiness Summary

9 systems reportable

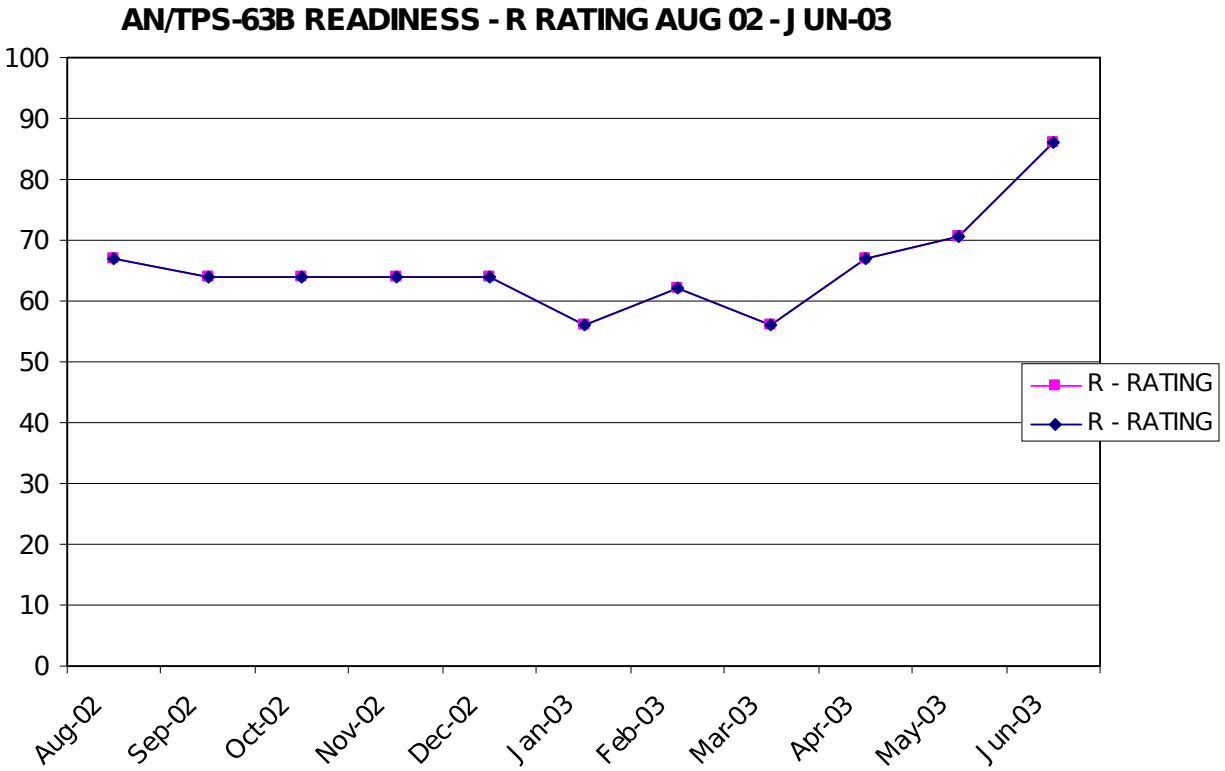
1 down readiness = 89%

2 down readiness = 78%

3 down readiness = 67%

4 down readiness = 56%

Avg: 68.38%



	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03	Jun-03
R - RATING	67	64	64	64	64	56	62	56	67	70.5	86.125
R - RATING	67	64	64	64	64	56	62	56	67	70.5	86.125

AN/TPS-63B T/E

T/E	UNIT NAME	ACTUAL ALLOWANCE
N8642	MACS 1	0
N8642	MACS 2	0
N8644	MACS 1 EW	1
N8644	MACS 2 EW	1
N8632	MACS 4	2
N8632	MACS 23	1
N8632	MACS 24	1
7720	MCCES	2
7442	MCTSSA	1
7014	MCLSB BARTOW	1
	TOTAL AO	**10**

AN/TPS-62

T/E	UNIT NAME	ACTUAL ALLOWANCE
N8642	MACS 1	3
N8642	MACS 2	3
N8632	MACS 4	0
N8632	MACS 23	1
N8632	MACS 24	1
7720	MCCES	3
7442	MCTSSA	1
	TOTAL AO	**12**

Key Issues

- **Master Work Schedule**
  - **Need support of LOGCOM agencies to monitor MWS changes**
  - **Most effective means to keep TPS-63 readiness at acceptable levels**
  - **Fleet input appreciated for scheduling assets**
- **Sustainment**
  - **Use the system**
  - **Downing equipment without supporting supply documentation leaves us no means to assist**
  - **Pick up the phone and call us**